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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/960,563	09/12/2001	Bernd Petzold	10191/2020	5713
26646	7590	04/14/2006	EXAMINER	
KENYON & KENYON LLP ONE BROADWAY NEW YORK, NY 10004			TO, TUAN C	
			ART UNIT	PAPER NUMBER
			3663	

DATE MAILED: 04/14/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/960,563

Applicant(s)

PETZOLD ET AL.

Examiner

Tuan C. To

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 10 February 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 16-20,22-25 and 27-29 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 16-20,22-25 and 27-29 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 10 February 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

Claims 16-20, 22-25, and 27-29 are rejected under 35 U.S.C. 102(b) as being anticipated by Mutsuga et al. (US 5911773A).

With regard to claim 24 and 25, the U.S. reference to Mutsuga et al. has been cited as teaching a navigation system including a calculation unit which is the central processing unit (4) shown in figure 1(A) of Mutsuga et al, and that processing unit (4) calculates a first route and second route from the starting point to the destination point (Mutsuga et al., figure 2, central processing unit 4; figure 15A). In figure 2, the display (12) is described as a claimed reproducing device for displaying the navigation data including map and routes. As shown in figure 1(A) of Mutsuga et al, the communication unit (5) is provided for receiving the traffic disruption on the first route and second route, and the display device (12) reproduced the traffic disruption such as the congested section shown in figure 15(A). Mutsuga et al. also teach that the traffic disruption such

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as the traffic congestion on the main road from the point P to the destination (see Mutsuga et al, column 9, lines 61-67; figure 15A).

With regard to claim 16, the input means (11) shown figure 1(A) of Mutsuga et al. is configured to enable the user to select one of the reproduced route.

With regard to claim 17, Mutsuga et al. teach that the main road (first route) and the general road as a detour route (second route) are reproduced on the display (12) as partially shown in figure 15(A) when the congested section on the main road is determined.

With regard to claim 18, Mutsuga et al. teach that the traffic jam is fixed as the predefined route criteria (Mutsuga et al, column 6, lines 32-53)

With regard to claims 19 and 20, the navigation system disclosed by Mutsuga et al. further include an input mean unit (11) for weighting at least one route criteria.

With regard to claim 22, Mutsuga et al. teach that the information regarding traffic disruption includes information regarding traffic congestion (Mutsuga et al., column 6, lines 38-47).

With regard to claim 23, figure 15(A) taught by Mutsuga et al. clearly shows that the traffic disruption is reproduced altogether with the main road which is the first road (claimed first route) and the general road which is the second road (claimed second route). A congested section is specifically indicated on the main road.

With regard to claim 27, the input means (11) shown figure 1(A) of Mutsuga et al. is configured to enable the user to select one of the reproduced route.

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Mutsuga et al. further teach that when the congested section of the main road (see Mutsuga et al, figure 15(A)) has been determined, another route (general route) begin to start from a new starting point to the destination.

With regard to claim 28, the communication unit (5) as represented above is configured to receive at least one type of traffic disruption such as traffic jam, and the display (12) is the reproducing device for displaying such the traffic disruption.

With regard to claim 29, the reproduction device is not only but also a speaker (16) as reproducing device for reproducing the acoustical signal to a user (Mutsuga et al., figure 2, speaker 16).

While patent drawings are not drawn to scale, relationships clearly shown in the drawings of a reference patent cannot be disregarded in determining the patentability of claims. See In re Mraz, 59 CCPA 866, 455 F.2d 1069, 173 USPQ 25 (1972).

### ***Response to Amendment***

The applicant's response filed on 02/07/2006 have been fully considered. The applicant argues that the display device (12) has no indication that both first and second routes are able to be simultaneously displayed on the display, simultaneously displayed for selection by a user. Also, the reference to Mutsuga only discloses that either a first or a second calculated route is able to be output on the display. The arguments is not persuasive. The display device (12), as taught in Mutsuga, not only display one route but also more than one route. For example, in figure 15A, the main route with a congested section has been indicated as well as the general route. The routes are shown on the display in response to the user's request of a recommended route from a

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current point to a destination. Furthermore, while showing the indication of congested section on the main route (see figure 15A), the display device reproduces the information regarding the traffic disruptions in the forms of isolines.

For the reasons set forth above, the claims are still rejected.

### ***Conclusions***

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tuan C To whose telephone number is (571) 272-6985. The examiner can normally be reached on from 8:00AM to 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jack Keith can be reached on 571-272-6878.

The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/tc

April 11, 2006

  
JACK KEITH  
SUPERVISORY PATENT EXAMINER